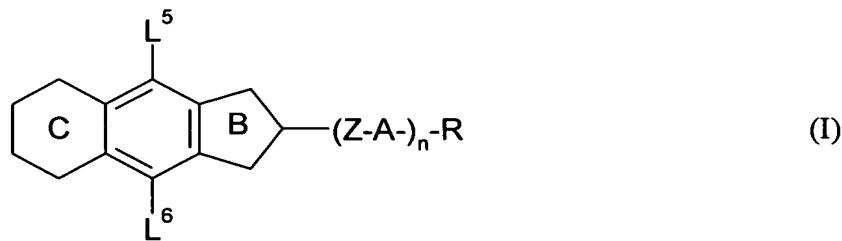


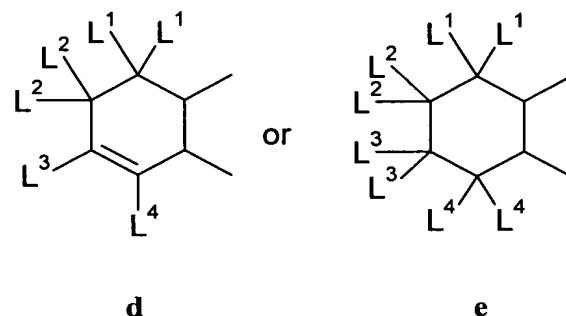
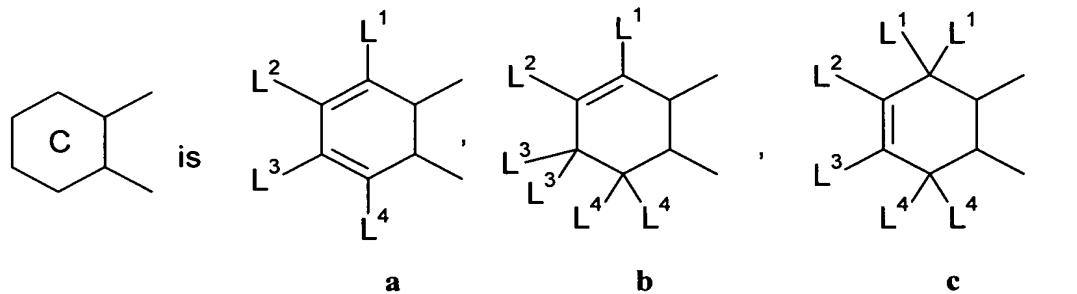
This listing of claims will replace all prior versions, and listings, of claims in the application:

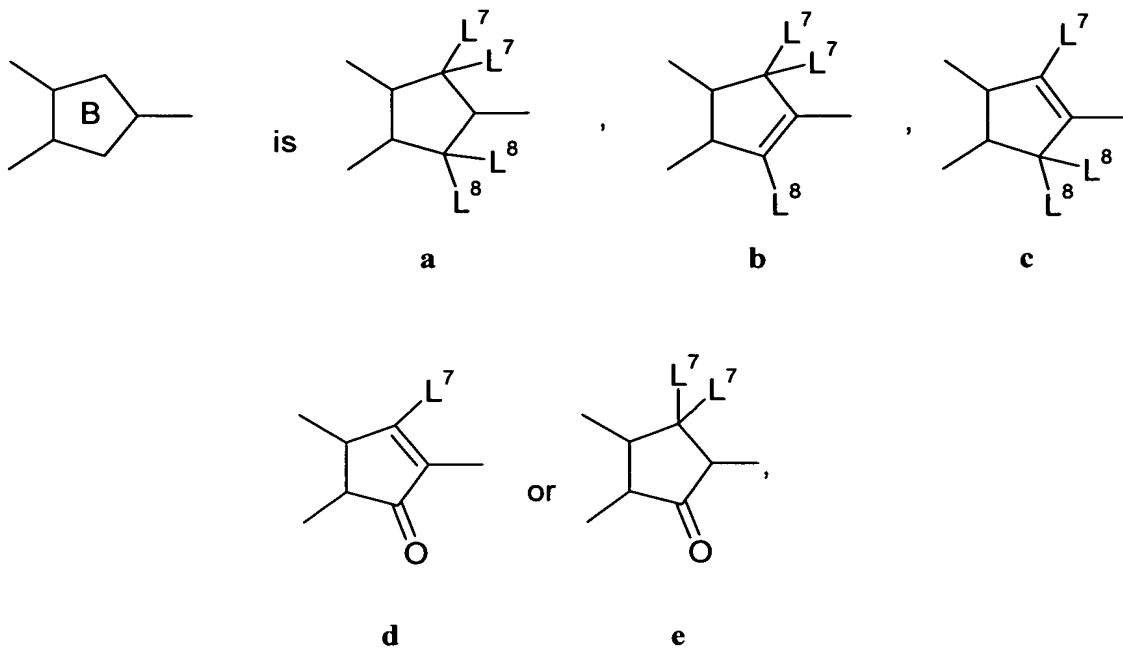
Listing of Claims:

1. (Original) Cyclopenta[b]naphthalene derivatives of the general formula (I)



in which:





Z is in each case, independently of one another, a single bond, a double bond, -CF₂O-, -OCF₂-, -CH₂CH₂-, -CF₂CF₂-, -C(O)O-, -OC(O)-, -CH₂O-, -OCH₂-, -CF=CH-, -CH=CF-, -CF=CF-, -CH=CH- or -C≡C-,

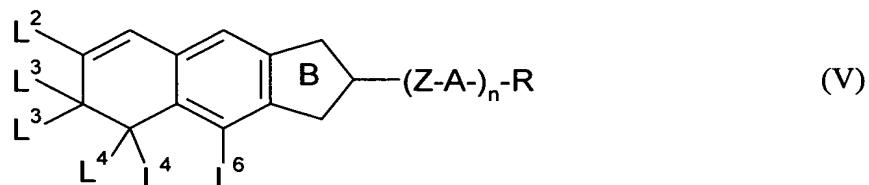
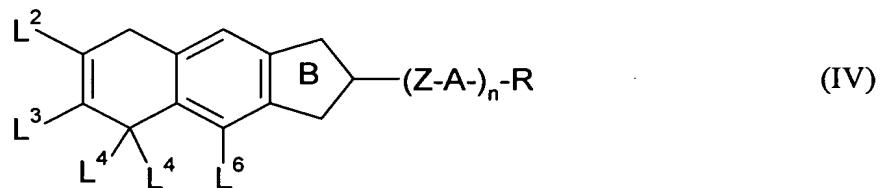
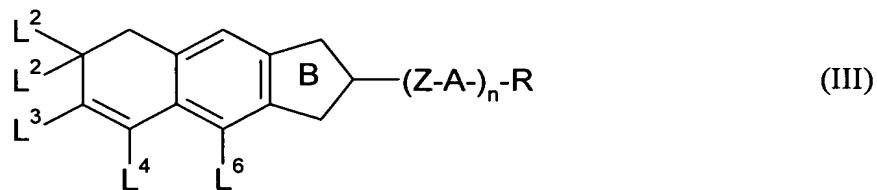
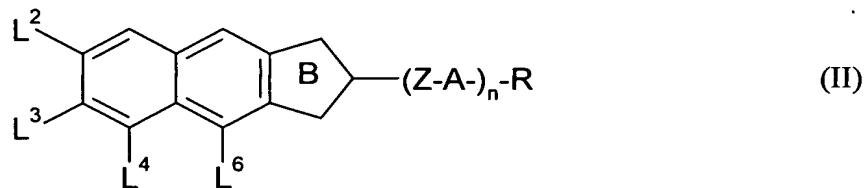
A is in each case, independently of one another, 1,4-phenylene, in which =CH- may be replaced once or twice by =N-, and which may be monosubstituted to tetrasubstituted, independently of one another, by halogen (-F, -Cl, -Br, -I), -CN, -CH₃, -CH₂F, -CHF₂, -CF₃, -OCH₃, -OCH₂F, -OCHF₂ or -OCF₃, 1,4-cyclohexylene, 1,4-cyclohexenylene or 1,4-cyclohexadienylene, in which -CH₂- may be replaced once or twice, independently of one another, by -O- or -S- in such a way that heteroatoms are not directly adjacent, and which may be monosubstituted or polysubstituted by halogen, or is 1,3-cyclobutylene or bicyclo[2.2.2]octane,

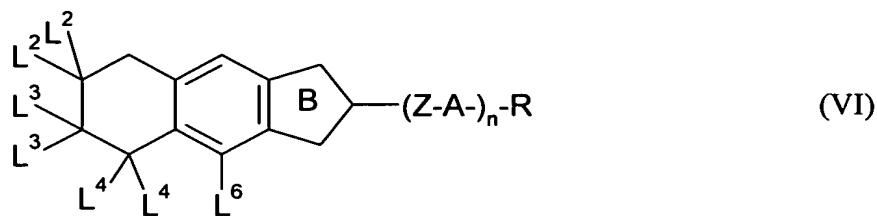
R is hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted, monosubstituted by -CF₃ or at least monosubstituted by halogen, where, in addition, one or more CH₂ groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not directly adjacent, halogen, -CN, -SCN, -NCS, -SF₅, -CF₃, -OCF₃, -OCHF₂ or -OCH₂F,

n is 0, 1, 2 or 3, and

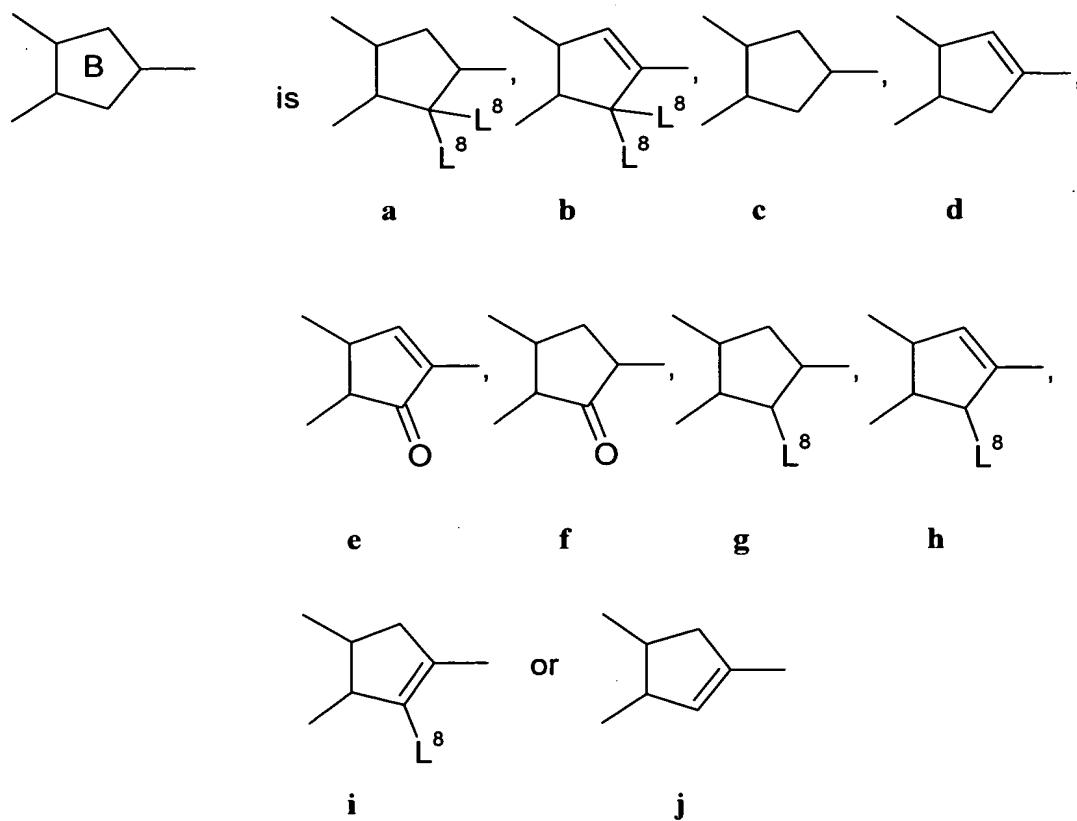
L^1 - L^8 are each, independently of one another, hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted or at least monosubstituted by halogen, where, in addition, one or more CH_2 groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not directly adjacent, halogen, -CN, -SCN, -NCS, -SF₅, -CF₃, -OCF₃, -OCHF₂, -OCH₂F or -(Z-A-)_n-R.

2. (Original) Cyclopenta[b]naphthalene derivatives according to Claim 1 selected from the general formulae (II) to (VI)





in which:



Z is in each case, independently of one another, a single bond, a double bond, -CF₂O-, -OCF₂-, -CH₂CH₂-, -CF₂CF₂-, -C(O)O-, -OC(O)-, -CH₂O-, -OCH₂-, -CF=CH-, -CH=CF-, -CF=CF-, -CH=CH- or -C≡C-,

A is in each case, independently of one another, 1,4-phenylene, in which =CH- may be replaced once or twice by =N-, and which may be monosubstituted to tetrasubstituted, independently of one another, by halogen (-F, -Cl, -Br, -I), -CN, -CH₃, -CH₂F, -CHF₂, -CF₃, -OCH₃, -OCH₂F, -OCHF₂ or -OCF₃, 1,4-cyclohexylene, 1,4-cyclohexenylene or 1,4-cyclohexadienylene, in

which -CH₂- may be replaced once or twice, independently of one another, by -O- or -S- in such a way that heteroatoms are not directly adjacent, and which may be monosubstituted or polysubstituted by halogen, or is 1,3-cyclobutylene or bicyclo[2.2.2]octane,

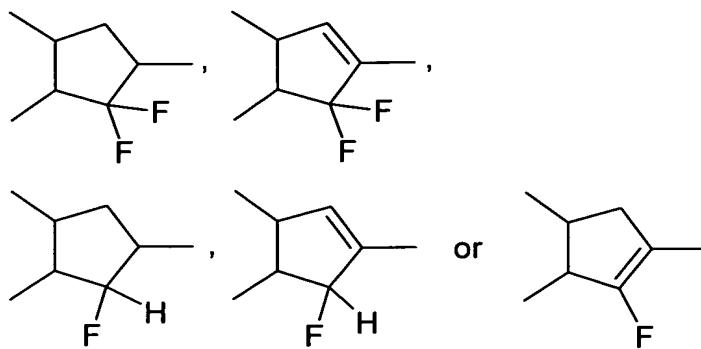
R is hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted, monosubstituted by -CF₃ or at least monosubstituted by halogen, where, in addition, one or more CH₂ groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not directly adjacent, halogen, -CN, -SCN, -NCS, -SF₅, -CF₃, -OCF₃, -OCHF₂ or -OCH₂F,

L², L³ and L⁸ are each, independently of one another, hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted or at least monosubstituted by halogen, where, in addition, one or more CH₂ groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not directly adjacent, halogen, -CN, -SCN, -NCS, -SF₅, -CF₃, -OCF₃, -OCHF₂, -OCH₂F or -(Z-A-)_n-R,

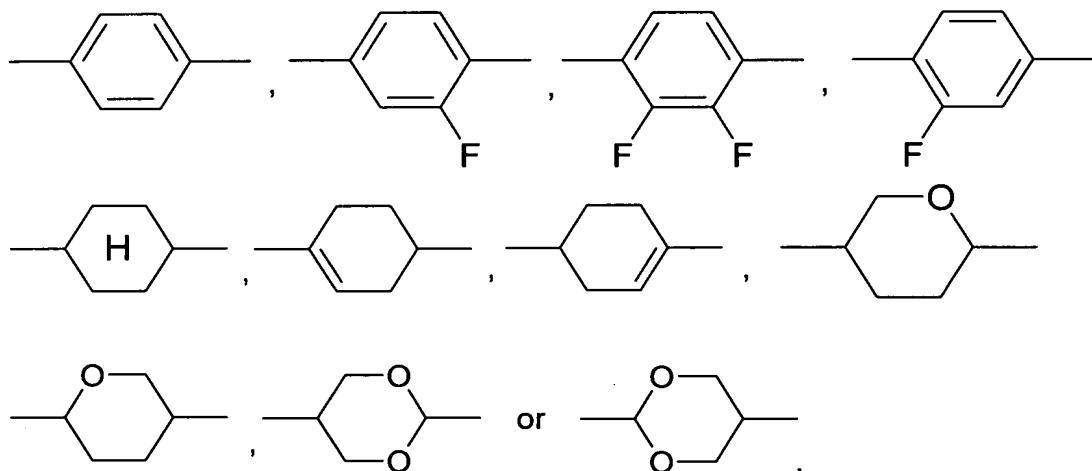
L⁴ and L⁶ are each, independently of one another, hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is at least monosubstituted by halogen, where, in addition, one or more CH₂ groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not directly adjacent, halogen, -CN, -SF₅, -SCN, -NCS, -CF₃, -OCF₃, -OCHF₂ or -OCH₂F, preferably with the proviso that L⁴ and L⁶ cannot simultaneously be hydrogen, and

n is 0, 1, 2 or 3.

3. (Original) Cyclopenta[b]naphthalene derivatives according to Claim 2, characterised in that B is



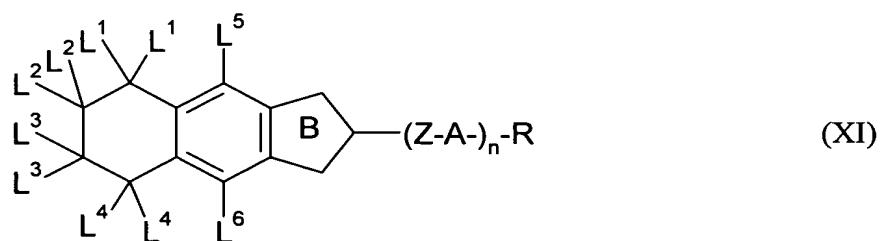
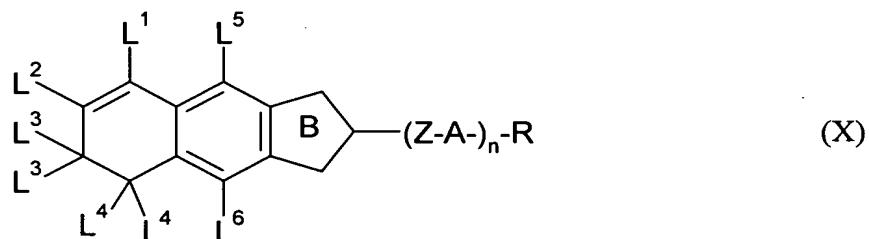
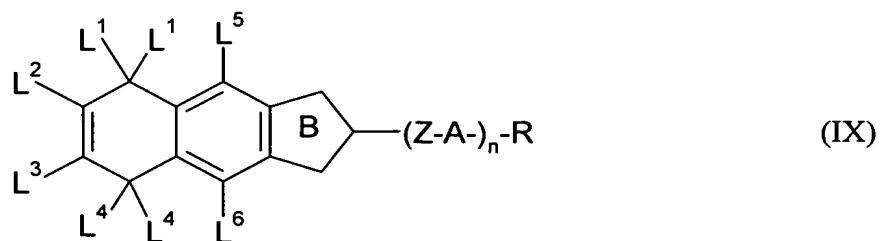
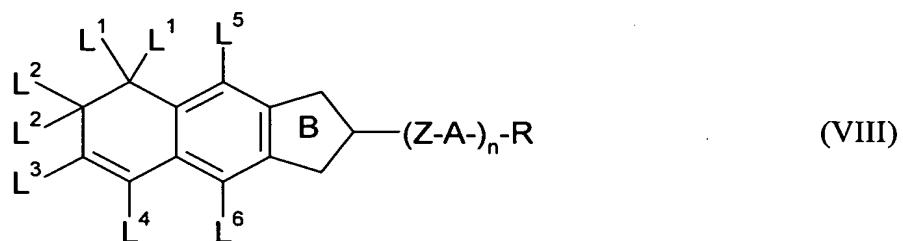
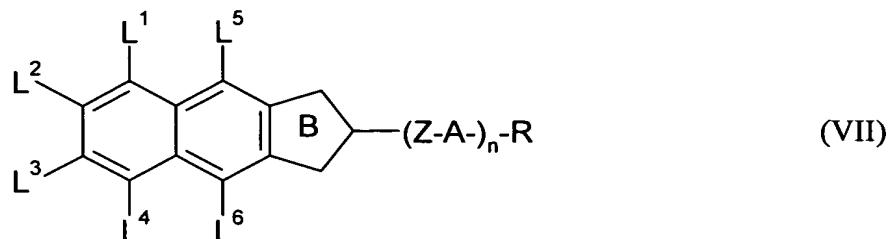
4. (Currently Amended) Cyclopenta[b]naphthalene derivatives according to Claim 2 ~~or 3~~, characterised in that A is



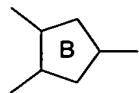
5. (Currently Amended) Cyclopenta[b]naphthalene derivatives according to claim 2 at least one of Claims 2 to 4, characterised in that L² and L³, independently of one another, are hydrogen, an alkoxy radical having from 1 to 7 carbon atoms, fluorine or chlorine.

6. (Currently Amended) Cyclopenta[b]naphthalene derivatives according to claim 2 at least one of Claims 2 to 5, characterised in that L⁴ and L⁶, independently of one another, are -CF₃, fluorine or chlorine.

7. (Original) Cyclopenta[b]naphthalene derivatives according to Claim 1, selected from the general formulae (VII) to (XI)

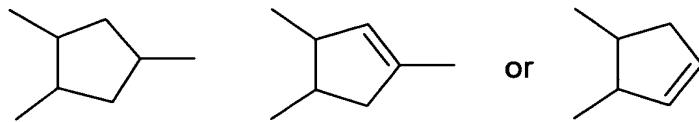


in which Z, A, R, n, L¹ to L⁸ and

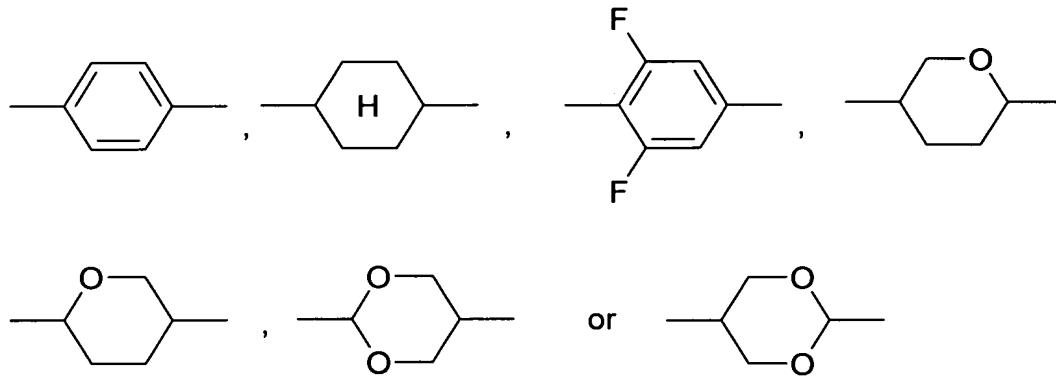


are as defined in Claim 1.

8. (Original) Cyclopenta[b]naphthalene derivatives according to Claim 7, characterised in that B is



9. (Currently Amended) Cyclopenta[b]naphthalene derivatives according to Claim 7 or 8, characterised in that A is



10. (Currently Amended) Cyclopenta[b]naphthalene derivatives according to claim 7 at least one of Claims 7 to 9, characterised in that L² and L³, independently of one another, are identical or different and are hydrogen, halogen, -CN, -SCN, -NCS, -SF₅, -CF₃, -CHF₂, -OCF₃ or -OCHF₂.

11. (Currently Amended) Cyclopenta[b]naphthalene derivatives according to claim 7 at least one of Claims 7 to 10, characterised in that L¹ and L⁴, independently of one another, are identical or different and are hydrogen or fluorine.

12. (Currently Amended) Cyclopenta[b]naphthalene derivatives according to claim 7 at least one of Claims 7 to 11, characterised in that L⁵ and L⁶ are hydrogen.

13. (Currently Amended) Cyclopenta[b]naphthalene derivatives according to claim 7 at least one of Claims 7 and 12, characterised in that L¹, L², L³ and L⁴ are fluorine and L⁵ and L⁶ are hydrogen.

14. (Currently Amended) Cyclopenta[b]naphthalene derivatives according to claim 1 at least one of the preceding claims, characterised in that Z is a single bond, -CF₂O-, -OCF₂-, -CF₂CF₂-, -CH=CH-, -CF=CH-, -CH=CF- or -CF=CF-.

15. (Currently Amended) Cyclopenta[b]naphthalene derivatives according to claim 1 at least one of the preceding claims, characterised in that R is an alkyl radical, alkoxy radical or alkenyl radical having from 1 to 7 or 2 to 7 carbon atoms respectively.

16. (Currently Amended) Use of cyclopenta[b]naphthalene derivatives according to claim 1 at least one of the preceding claims in liquid-crystalline media.

17. (Currently Amended) Liquid-crystalline medium comprising at least two liquid-crystalline compounds, characterised in that it comprises at least one cyclopenta[b]naphthalene derivative according to claim 1 at least one of Claims 1 to 15.

18. (Original) Electro-optical display element containing a liquid-crystalline medium according to Claim 17.

19. (Currently Amended) Mesogenic medium, characterised in that it comprises at least one cyclopenta[b]naphthalene derivative according to claim 7 at least one of Claims 7 to 15.

20. (Currently Amended) Electro-optical light-control element which contains an electrode arrangement, at least one element for polarisation of the light and a mesogenic control medium, where the light-control element is operated at a temperature at which the mesogenic control medium in the unaddressed state is in the isotropic phase, characterised in that the mesogenic control medium comprises at least one cyclopenta[b]naphthalene derivative according to claim 7 at least one of Claims 7 to 15.